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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Attorney Docket No.	10830.0101.NPUS00	_
First Inventor	Himabindu Tummala	
Title	Organization of Read-Write Snapshot	
Express Mail Label No.	EV 318622701 US	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450					
1.	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS					
- Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Sheets] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d))						
specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box						
5b, is considered a part of the disclosure of the accompanying continuation The incorporation <u>can only</u> be relied upon when a portion has been inadvert	or divisional application and is hereby incorporated by reference. ently omitted from the submitted application parts.					
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Name (Print/Type) Richard C. Auchterlonie	Registration No. (Attorney/Agent) 30,607					
Signature Parkand C- auch book	Date September 23, 2003					

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New Application For: UTI	LITY	Priority Date	e:	0
Fgn priority claimed	Fee Amt:\$ 1,318 any fee not	specified Acct No: 05-0889/1	EMC-03-068	34
Continuation	CIP Divisi	onal CPA	☐ RCE	<u> </u>
Specification: 48 Page	es	Drawings: 21 Shee	ts	
Response to Office Action	Dated:		Final Rejection	45
Other: Application Data S	heet; Fee Transmittal Form;	Transmittal Form; Dec	laration; Assignment;	39
Recordation Form Coversheet:	postcard	_ 		0
Assignment Enclosed	Cert. of Express M	1ailing 🔲	Exp. Mail: EV 31862270	US
IDENTIFICATION OF APPLICATION				
Serial No.:	Filing Date: 09/23		sible Atty: Auchterlonie	
Title: ORGANIZATION	OF READ-WRITE SNAPS	HOT COPIES IN A DA	ATA STORAGE SYSTEM	1
Applicant: Himabindu Tumma	ıla	Entered By:		
Client: EMC CORPORATION		Firm File No.:10830	.0101.NPUS00	
To PTO VIA US Mail on	Date: 09/23/	Due D	ate:	
				



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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

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Complete if Known			
Application Number	10/668,783		
Filing Date	09/23/2003		
First Named Inventor	Himabindu Tummala		
Examiner Name			
Art Unit	2186		
Attorney Docket No.	10830.0101.NPUS00		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Check Credit card Money Other None	3. ADDITIONAL FEES				
Order Order None	Large Entity Small Entity				
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The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filling a request for ex parte reexamination				
Charge fee(s) indicated below Credit any overpayments	- · · · · · · · · · · · · · · · · · · ·	"			
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action				
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to the above-identified deposit account.	Examiner action 1251 110 2251 55 Extension for reply within first month				
FEE CALCULATION	1252 420 2252 210 Extension for reply within second month				
1. BASIC FILING FEE	1253 950 2253 475 Extension for reply within third month				
Large Entity Small Entity Fee Fee Fee Fee Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month				
Code (\$)	1255 2.010 2255 1.005 Extension for reply within fifth month				
1001 770 2001 385 Utility filing fee					
1002 340 2002 170 Design filing fee	1 1401 330 2401 165 Notice of Appeal 1 1402 330 2402 165 Filing a brief in support of an appeal				
1003 530 2003 265 Plant filing fee	1403 290 2403 145 Request for oral hearing				
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding				
	1452 110 2452 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$)	1453 1,330 2453 665 Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,330 2501 665 Utility issue fee (or reissue)				
Fee from Extra Claims below Fee Paid	, , , , , , , , , , , , , , , , , , , ,				
Total Claims20** = X =	1503 640 2503 320 Plant issue fee				
Independent Claims - 3** = X =	1460 130 1460 130 Petitions to the Commissioner				
Multiple Dependent	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity	1806 180 1806 180 Submission of Information Disclosure Stmt				
Fee Fee Fee Fee <u>Fee Description</u> Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)				
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection				
1201 86 2201 43 Independent claims in excess of 3	(37 ČFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))				
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$)	Other fee (specify)				
SUBTOTAL (2) ((\$) **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	Carre			

(Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) Richard C. Auchterlonie 30.607 Telephone 713-787-1698 Attorney/Agent) 4 Feb. 2004 Signature

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